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detecting the presence of a living organism in the closed trunk of a vehicle;
detecting the operational condition of the vehicle; and
automatically opening the trunk of the vehicle in response to a predefined safe
operational condition of the vehicle and the detection of the living organism in the trunk.

16. (Amended) A method for determining the presence of a person in an
+ trunk / or pass
enclosure, comprising the steps of:

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sensing a base line concentration of CO₂ in the enclosure with at least one
opening to ambient air;

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sensing an increase in the concentration of CO₂ above said base line
concentration when the enclosure is closed to ambient air; and

generating an alarm in response to detecting CO₂ above said base line
concentration which is consistent with what would be produced by respiration of a person in
the closed enclosure.

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22. (Amended) A method for determining the presence of a person in a closed
trunk of a vehicle, comprising the steps of:

sensing a base line concentration of CO₂ in the trunk with at least one opening
to ambient air;

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sensing an increase in concentration of CO₂ above said base line concentration
when the trunk is closed to ambient air; and

generating an alarm in response to detecting CO₂ above said base line
concentration which is consistent with what would be produced by respiration of a person in
the closed trunk.

23. (Amended) The method of claim 22, further including the steps of ventilating the trunk in response to said alarm.

24. (Amended) The method of claim 22, further including the step of ventilating the trunk in response to said alarm and the detection of a predefined temperature in the closed trunk.

sub.C1 25. (New) The method of claim 1, including providing an alarm when the presence of the living organism is detected.

26. (New) The method of claim 1, including providing an alarm when the presence of the living organism is detected and selecting the type of alarm based upon the operational condition of the vehicle.

27. (New) A method for controlling a vehicle having a compartment that is opened and closed, comprising the steps of:
detecting the presence of a living organism in the closed compartment of the vehicle;

detecting the operational condition of the vehicle; and
automatically opening the compartment of the vehicle to ambient air in response to a predefined operational condition of the vehicle and the detection of the living organism in the compartment.

28. (New) A method for controlling a vehicle having a trunk that is opened and closed, comprising the steps of:

only minor

- detecting the presence of a living organism in the closed trunk of the vehicle;
- detecting the operational condition of the vehicle;
- automatically selecting at least one of a plurality of alarms based upon the operational condition of the vehicle and the detected presence of the living organism in the trunk; and
- activating the at least one selected alarm.

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29. (New) A method for controlling a vehicle having a trunk that is selectively opened and closed, comprising the steps of:

detecting the presence of a living organism in the closed trunk of the vehicle;

and

automatically opening the trunk in response to at least detecting the living organism in the trunk.

too broad

30. (New) A method for detecting an unsafe condition within a trunk of a vehicle, comprising the steps of:

- locating a living organism in the trunk of the vehicle; and
- detecting at least one bodily function of the living organism in the trunk.
